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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. (MODIFIED) PATENT AND TRADEMARK OFFICE 078883/0120 09/533,798 **APPLICANT INFORMATION DISCLOSURE CITATION** Miles William CARROLL et al. FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) 3/24/2000 1643 **U.S. PATENT DOCUMENTS** FILING DATE DOCUMENT **EXAMINER** SUB-DATE CLASS REF NAME **CLASS** INITIAL NUMBER APPROPRIATE **A1** 06/92 Schinazi et al. 514 47 5.118.672 **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT SUB-COUNTRY **CLASS REF** DATE NUMBER CLASS YES NO **WIPO** 99/15684 04/99 **A2** 99/15683 04/99 **WIPO A3** 89/07947 09/89 **WIPO A4 WIPO** 92/03568 03/92 **A5** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Guschlbauer et al., "Poly-2'-deoxy-2'-fluoro-cytidylic acid: enzymatic synthesis, spectroscopic **A6** Characterization and interaction with poly-inosinic acid" 1977 Nucleic Acids Res. 4:1933 Schibahara et al., "Site-directed cleavage of RNA" 1987 Nucleic Acids Res. 15:4403 **A7** Gershon et al, "The nucleotide sequence around the capripoxvirus thymidine kinase gene reveals a gene **8A** Shared specifically with leporipoxvirus" J. Gen. Virol. 70:525, 1989 Weir et al., "Nucleotide sequence of the vaccinia virus thymidine kinase gene and the nature of spontaneous Α9 Frameshift mutations" J. Virol. 46:530 ,1983 Esposito et al., "Nucleotide sequence of the thymidine kinase gene region of monkeypox and variola viruses" A10 Virology 135:561, 1984 A11 Kilpatrick et al., "Cloning and physical mapping of yada monkey tumor virus DNA" Virology 143:399, 1985 A12 Binns et al., "Comparison of a conserved region in fowlpox virus and vaccinia virus gnomes and the translocation of the fowlpox virus thymidine kinase gene"J. Gen. Virol 69:1275, 1988 Schnitzlein et al., "A rapid method for identifying the thymidine kinase genes of avipoxviruses" J. Virological A13 Method 20:341, 1988 A14 Fathi et al., "Efficient targeted insertion of an unselected marker into the vaccinia virus genome" Virology 97-105, 1986 **DATE CONSIDERED EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next

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Sheet 3 of 6 SERIAL NO. Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. PATENT AND TRADEMARK OFFICE 09/533,798 (MODIFIED) 078883/0120 APPLICANT Miles William CARROLL et al. INFORMATION DISCLOSURE CITATION **FILING DATE GROUP ART UNIT** (Use several sheets if necessary) 3/24/2000 1643 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Pieken et al., "Kinetic characterization of ribonuclease-resistant 2'-modified hammerhead ribozymes" 1991 A30 Science 253:314-317 Parker et al., "Scheme for ranking potential HLA-A2 binding peptides based on Independent binding of A31 individual peptide side-chains" 1994 J. Immunol. 152:163-175 Fu et al.. "An endoplasmic reticulum-targeting signal sequence enhances the immunogenicity of an A32 immunorecessive simian virus 40 large T antigen cytotoxic T-lymphocyte epitope" 1998 J. Virol 72:1469-81 Schodel et al., "hepatitis B virus core and e antigen: immune recognition and use as a vaccine carrier moiety" A33 1996 Intervirology 39:104-10 Wolff and Trubetskoy, "The cambrian period of nonviral gene delivery" 1998 nature Biotechnology 16:421-A34 423 Taylor et al., "Biological and immunogenic properties of a canarypox-rables recombinant, ALVAC-RG (vCP65) A35 in non-avian species" 1995 Vaccine 13:539-549 Stannard et al., "Evidence for incomplete replication of a penguin poxvirus in cells of mammalian origin" A36 J. Gen. Virol. 1998 79:1637-46 Mackett et al., "Vaccinia virus: a selectable eukaryotic cloning and expression vector 1982 PNAS 79: 7415-A37 7419 Upton et al, "Identification and nucleotide sequence of the thymidine kinase gene of shope fibroma virus" J. A38 Virology 60:920, 1986 Boyle et al, "Fowlpox virus thymidine kinase: nucleotide sequence and relationships to other thymidine A39 kinases" Virology 156:355-365, 1987 Lewis et al, "Human immunodeficiency virus infection of cells arrested in the cell cycle" 1992 EMBO J A40 11:3053-3058 Lewis and Emerman "Passage through mitosis is required for oncoretroviruses but not for the human A41 immunodeficiency virus" 1994 J. Virol. 68:510-516 Mackett et al, "General method for production and selection of infectious vaccinia virus recombinants A42 expressing foreign genes" 1984, J. Virol. 49:857-864 **EXAMINER DATE CONSIDERED** 

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